SONY

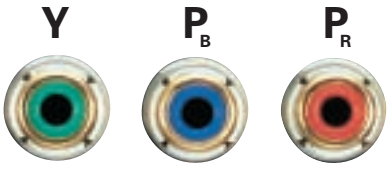
2001 HOME NETWORK PRODUCTS

HI-SCAN 1080i PROJECTION TELEVISION

EXTRAORDINARY PERFORMANCE IN EXTRA LARGE SCREENS

Ordinary television may satisfy ordinary viewers. But discriminating eyes will always seek out something better. That's exactly why Sony created the Hi-Scan 1080i™ Series projection televisions. Here's six times the picture detail of conventional televisions. Plus the ability to deliver 1080i line High Definition video sources with all their excitement, astonishment and jaw-dropping impact.

HI-SCAN 1080I™ COMPONENT VIDEO INPUTS. With more High Definition TV available now from satellites and over-the-air broadcasting, these televisions have a crucial advantage. Sony's Hi-Scan 1080i inputs[1] accept the full 1080 interlaced scanning lines (1080i) from an external HDTV receiver[2] or a compatible High Definition digital satellite receiver. They also accept 480 progressive scanning lines (480p) from the latest 480p DVD-Video players. And these televisions can display the results in the panoramic 16:9 widescreen mode! So you can buy these models today, then add High Definition sources whenever you're ready. When you do, you'll be astonished by the dazzling performance of High Definition – with up to six times the picture detail of conventional television!

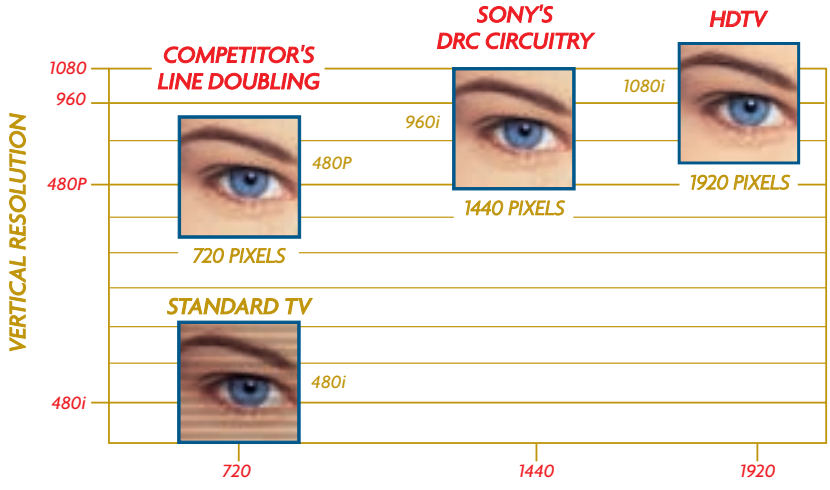


Component video inputs mean higher resolution and more vivid colors.

The two Hi-Scan 1080i inputs accept analog component video: $Y/P_B/P_R$. The television automatically detects 480i, 480p and 1080i sources and displays each to breathtaking effect.

DIGITAL REALITY CREATION™ (DRC) MULTIFUNCTION CIRCUITRY. Not only do these televisions accept and display High Definition sources, they also raise conventional television to near High Definition levels! Sony's Digital Reality Creation™ MultiFunction circuitry minimizes the visibility of scanning lines in conventional, "NTSC" sources. So pictures are dramatically smoother and more beautiful.

A real-time process, DRC™ MultiFunction circuitry replaces analog NTSC picture patterns with their High Definition digital equivalents. In the process, DRC MultiFunction circuitry doubles the number of scanning lines (from 480i to 960i or 480p) – and doubles the number of pixels on each line (from 720 to 1440). As a result, you enjoy pictures with four times the original resolution. Now conventional television looks nearly as good as High Definition!



For conventional, NTSC 480i sources, DRC™ MultiFunction circuitry doubles both vertical and horizontal density, delivering four times the picture resolution.

CINEMOTION™ REVERSE 3-2 PULL-DOWN TECHNOLOGY. Most prime time television – and most DVDs – were originally shot on movie film. That's why Sony incorporates CineMotion™ reverse 3-2 pull-down technology. It does a spectacular job of displaying film-originated images in vivid 480p progressive scanning. Some progressive scan systems "mix" a pair of film frames on two out of every five video frames, potentially blurring the image! In dramatic contrast, Sony's system restores the integrity of the original film frames. You'll see more consistent fine detail for a viewing experience more like the movie theater.

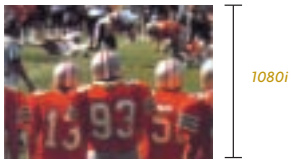
16:9 WIDESCREEN VIEWING. All Sony Hi-Scan 1080i televisions display widescreen programming in its original 16:9 "aspect ratio" (the relationship of screen width to screen height). The HS and HT models have conventional 4:3 screens and can show widescreen programs in letterbox form. The HW models offer 16:9 aspect ratio screens, to show widescreen programming across every square inch of display. It's a truly cinematic experience, making home entertainment more exciting, more involving – and more like the original movie theater!

4:3 AND 16:9 COMPARED.

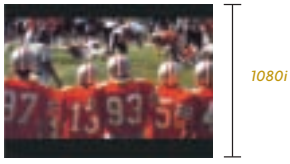
	CONVENTIONAL 4:3 TELEVISION	WIDESCREEN 16:9 TELEVISION
Diagonal screen size	61"	61"W
Screen height	36.6"	29.9"
Screen width	48.8"	53.2"
Effective diagonal screen size on conventional 4:3 programming, unstretched	61"	50"
Effective diagonal screen size on 16:9 widescreen programming, letterboxed	56"W	61"W

The Sony Hi-Scan 1080i series includes both conventional aspect ratio and widescreen displays. The 4:3 screen is a smart choice to fill the screen with 4:3 programming, which includes most TV shows. The 16:9 screen is the right choice if you want to optimize your television for widescreen DVD movies and other 16:9 programming. Note: When watching programs that don't fill the entire screen, keep the Contrast and Brightness controls at low settings to prevent burn-in.[3]

16:9 ENHANCED MODE. On widescreen programming, most 4:3 televisions devote scanning lines to the black bars at the top and bottom of the screen. Unfortunately, this wastes 25% of the scanning lines – an unfortunate and unnecessary loss of resolution. This loss was unacceptable for the 4:3 televisions in Sony's Hi-Scan 1080i Series. Sony employs a special technique for achieving maximum picture quality on High Definition Television and "anamorphic" widescreen DVDs. Instead of representing the widescreen image with 25% fewer scanning lines, Sony's HS Series adjusts the spacing to reproduce every line! You get the benefit of all the original scanning lines for a smoother, more detailed, higher resolution picture.



Cropped

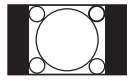
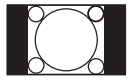
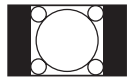
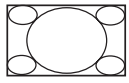
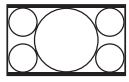
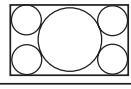


Letterbox

16:9 Enhanced Mode

Instead of using fewer scanning lines, 16:9 Enhanced Mode represents the widescreen image with all the original scanning lines. You get maximum resolution and maximum detail.

AUTO WIDE AND WIDE SCREEN MODES. Sony's 16:9 widescreen models give you full control over the display of television pictures. Auto Wide automatically selects the widescreen mode and formats the picture for programs with ID-1 (aspect ratio recorded) signals. Normal, Full, Zoom and Wide Zoom modes give you manual override. So you can maintain the original size and shape of the picture – or fill the screen. It's your decision!

To watch the original broadcasting screen sizes shown below	Press **WIDE MODE** to select the altered screen sizes shown below
Normal 4:3 aspect ratio picture 	**NORMAL** Select to return the 4:3 picture to normal mode. 
Normal 4:3 aspect ratio picture 	**WIDE ZOOM** Select to enlarge the 4:3 picture, while the upper and lower parts of the picture are condensed to fit the 16:9 screen. 
Letter box movie of a video tape or a DVD disc	**ZOOM** Select to enlarge the 4:3 picture horizontally and vertically to an equal aspect ratio that fills the 16:9 screen. 
4:3 squeezed video camera or DVD picture	**FULL** Select to enlarge the 4:3 picture horizontally only, to fill the 16:9 screen. 

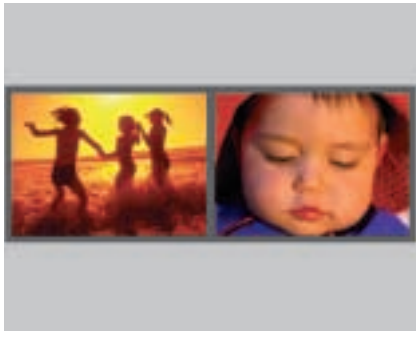
SUPER FINE EXTENDED DEFINITION MICROFOCUS™ PICTURE TUBES. To meet the demands of the Hi-Scan 1080i inputs, 1080i and 480p sources and 16:9 screens, Sony dramatically improved the source of projection picture – the three picture tubes. In the Super Fine Extended Definition version of our MICROFOCUS™ tube, Sony reduces the size of the phosphor particles and applies a thinner phosphor layer to the face. The resulting beam spot is 28% smaller than conventional MICROFOCUS™ CRTs. This improvement translates directly into sharper focus, higher contrast and a brighter image, for a picture of stunning clarity.

HIGHER-CONTRAST BRIGHTVIEW™ SCREEN. Extended black coating between the screen's ribs yields higher contrast, for a deeper, richer, more involving picture, even when room lights are on! Image vibrancy is also boosted by Sony's high contrast protective screen (standard on some models, optional on others) and Sony's AR Anti-Reflection coating (featured on the KP-51HW40 and 57HW40).

S-VIDEO DETECTION. Sony offers the convenience of S-Video detection. This feature automatically chooses the S-Video input when a composite video source is also connected to the Video 1 input.

TRUSURROUND™ VIRTUAL DOLBY SURROUND® SOUND. These televisions feature superb sound. Total power output is 40 watts[4]. And Sony offers TruSurround™ sound with SRS® 3D audio effect. It generates the lifelike sound of rear speakers using only the stereo pair built into the television cabinet. Selected models feature TruSurround™ Virtual Dolby Surround® circuitry, a more advanced system that uses Dolby® Pro Logic® processing for an even richer, more complete surround effect.

FLEXIBLE TWIN-VIEW™ 2-TUNER PICTURE-AND-PICTURE. Sony's Twin-View™ 2-tuner picture-and-picture system is a TV enthusiast's dream. This Sony design places two full-motion pictures side-by-side, with equal importance. It's an unbeatable approach when the baseball playoffs overlap with the college football season!



Sony's Twin-View system lets you follow two complete pictures, side-by-side!

SONY'S MULTI-IMAGE DRIVER CIRCUITRY. Sony's Twin-View system is superbly flexible. You can watch High Definition and conventional, Standard Definition sources side-by-side – or as main and inset pictures. This is one benefit of Sony's proprietary Multi-Image Driver™ X (MID™ X) circuit. The MID™ X circuit displays all your sources at superb 480p quality.

Sony's MID™ X circuit also enables you to zoom in on one Twin-View™ picture, making it continuously larger and the other smaller. The MID™ X system enables you to customize the view as never before!

Sony's MID X circuitry smoothly zooms the Twin-View images to any size you prefer.

PICTURE-AND-PICTURE DIRECT TUNING. You can change either Picture-and-Picture channel right from the remote control's 10-key numeric pad.

SCROLLING CHANNEL INDEX. Want to see what's doing on your favorite channels? The 16:9 widescreen models let you review up to four selected channels on a scrolling index in one of the picture-and-picture windows.

Sony's widescreen models offer an innovative scrolling index of up to four selected channels.

SONY AT YOUR SERVICE℠. An exclusive customer service program just for the owners of Sony projection televisions, Sony at Your Service includes toll-free personalized customer care. It's like having your own, personal "audio/video concierge," ready to answer your operation and connection questions. There's quick-response at-home service, with a commitment to repair or replace your television within 7 business days.[5] And there's even a free gift when you register for Sony at Your Service℠. It's comforting to know that Sony is there to help.

SONY at Your Service℠

HS SERIES FEATURES

- Hi-Scan 1080i™ chassis
- Digital Reality Creation™ MultiFunction circuitry
- CineMotion™ reverse 3-2 pull-down technology for superb display of material shot on film
- Super Fine Extended Definition MICROFOCUS™ picture tubes
- MICROFOCUS™ lens systems
- 16:9 Enhanced mode
- Built-in high contrast protective screen (KP-43HT20, 53HS30 and 61HS30)
- Optional high contrast protective screen (KP-53HS20 and 61HS20)
- BrightView™ dual component screen with higher-contrast lenticular design
- Enhanced 3D Digital Comb Filter
- Advanced picture stabilizer
- Advanced Velocity Modulation™ scanning
- 36 watts total audio power output[4] (KP-53HS20 and 61HS20)
- 40 watts total audio power output[4] (KP-43HT20, 53HS30 and 61HS30)
- TruSurround™ sound
- Multi Image Driver X (MID™ X) circuitry
- Flexible Twin-View™ 2-tuner Picture-and-Picture (HD, NTSC)
- Freeze Memo
- Flash Focus™ fully automatic digital convergence system
- Program Palette™ picture presets
- Multi-language display
- Channel Index (12 channels)
- Favorite Channel (8 channels)
- Easy Set-up Guide
- V-chip parental control
- Energy Star compliant
- Two HD capable component video inputs (Y/P_B/P_R)
- One front, three rear audio/video inputs
- One front, two rear S-Video inputs
- S-Video detection
- Control S input/output
- Sony at Your Service℠ customer support
- Supplied EZ Flip™ luminous joystick remote

KP-43HT20
43-INCH PROJECTION TV

KP-53HS30 (Pictured)
KP-61HS30

KP-53HS20
KP-61HS20 (Pictured)

DRC Digital Reality Creation · Hi-Scan 1080i · MID Multi Image Driver · CineMotion reverse 3-2 pull down technology · SONY at Your Service · Energy

▲ Step up features

16:9 ENHANCED MODE. On 4:3 screens, this feature maximizes the picture quality and retains the proper widescreen aspect ratio of High Definition TV and anamorphic DVD-Video titles.

16:9 ASPECT RATIO SCREEN. A wider television screen than the standard 4:3 aspect ratio. This is closer to the proportions of widescreen movies and perfect for Digital TV broadcasting, anamorphic DVD-Video titles and other state-of-the-art 16:9 programming sources.

ADVANCED VELOCITY MODULATION™ SCANNING. A Sony system that varies the electron beam speed to render high-contrast picture edges more effectively.

ADVANCED VIDEO PROCESSOR. Provides visibly better contrast and gradations of color.

AR (ANTI-REFLECTION) COATING. A treatment to Sony's High-Contrast Protective Screen. Coatings with different reflection indexes combine to reduce boost contrast and reduce reflection of room light from 8% to just 3%. So pictures remain vivid and contrast remains rich and vibrant.

ASPECT RATIO. The proportions of image width to screen height. Conventional television has an aspect ratio of 4:3. Modern, widescreen television has an aspect ratio of 16:9.

AUTO WIDE AND WIDE MODES. On 16:9 widescreen models, Auto Wide automatically chooses the right aspect ratio for programming that includes ID-1 identification signals. Wide Modes accommodate all other programming. You can also choose to retain the original size and shape of the picture or fill the screen.

A/V INPUTS. For connecting external audio/video equipment including VCRs, DVD players, A/V receivers.

BRIGHTVIEW™ DUAL COMPONENT SCREEN. Reformulated screen for better contrast and higher brightness. Enhanced with extended black coating between lenticular ribs – for even higher contrast.

CAPTIONVISION (CC). Accesses up to four closed caption channels and up to four text channels, where available.[6]

CHANNEL CAPTION. Lets you identify Channel 2 as CBS, for example, and Channel 33 as MTV.

CHANNEL FIX. A Sony convenience that first lets you select a specific TV channel (3, for example) for cable box reception. Then you can control a compatible cable box via the TV remote[7] without inadvertently changing the TV from Channel 3!

CINEMOTION™ REVERSE 3-2 PULL-DOWN TECHNOLOGY. Preserves the integrity of movie film frames for spectacular, consistent fine detail in 480-line progressive scanning (480p). You get improved image quality with greater detail. Works with all film based content, including broadcast TV, cable TV, satellite TV and DVD.

IN 480-LINE PROGRESSIVE SCANNING (480P). You get improved image quality with greater detail. Works with all film-based content, including broadcast TV, cable TV, satellite TV and DVD.

COLOR TEMPERATURE ADJUSTMENT. Enables you to set the color temperature cool, neutral or warm, to match the requirements of programming.

COMPONENT VIDEO INPUTS (Y/P_B/P_R). A better method than S-Video for connecting video equipment – ideal for DVD players and Digital Television (DTV) set top receiver/decoders.[1,2] Uses separate connections for luminance (Y), blue color difference (P_B) and red color difference (P_R).

CONTROL S INTERFACE. Receives control signals from and sends control signals to Sony video equipment. Uses dedicated cables.

DIGITAL REALITY CREATION™ (DRC) MULTIFUNCTION CIRCUITRY. A breakthrough in projection television. DRC MultiFunction circuitry doubles the number of scanning lines and doubles the number of pixels per line for four times the image resolution!

DYNAMIC ACOUSTIC CHAMBER (DAC). A loudspeaker enclosure that uses the shape of the television for crisp treble and clear, high-output bass.

DYNAMIC FOCUS™ CIRCUITRY. Maintains critically sharp focus from corner to corner.

DYNAMIC PICTURE™ PROCESSOR. Maintains image detail in the very bright and dark areas of each scene.

ENERGY STAR COMPLIANT. Meets EPA guidelines for energy efficiency.

ENHANCED 3D DIGITAL COMB FILTER. Analyzes picture information horizontally, vertically and over time. You get high resolution and lower video noise under most picture conditions. Enhanced 10-bit signal processing renders superb gray-scale gradations.

FAVORITE CHANNEL. One-button access to the last eight channels you've tuned (Auto) or nine favorites that you've preset (Manual). These channels appear as a picture-and-picture window, while your current program continues in the other window.

FIRST SURFACE MIRROR. Improves brightness, reduces picture blurring.

FIXED/VARIABLE AUDIO OUTPUT. Lets you connect an audio system and still control volume via the television remote.

FLASH FOCUS™ SYSTEM. A one-button, all-digital system that automatically aligns the Red, Green and Blue picture tubes. The system is precise, comprehensive and takes only five seconds.

FLEXIBLE TWIN-VIEW™ 2-TUNER PICTURE-AND-PICTURE. Thanks to Sony's MID™ X circuitry, these televisions can display both High Definition (HD) and Standard Definition (SD) pictures together. They appear side-by-side.

FREEZE MEMO. Lets you save an on-screen phone number or website address as a picture-and-picture window, while the program continues in the other window.

HI-SCAN 1080I™ CHASSIS.[1] Enables you to watch free, over-the-air High Definition television (using an external HD receiver)[2] and subscription HD digital satellite services (using a compatible satellite receiver). Displays the full 1080i scanning lines and 16:9 widescreen aspect ratio. Also supports 480p sources such as DVD players with progressive scan outputs.

HD COMPONENT VIDEO INPUTS. Thanks to Sony's Hi-Scan 1080i™ chassis, both component video inputs can accept High Definition video sources and DVD players with 480p progressive scan outputs.

HIGH CONTRAST PROTECTIVE SCREEN. Improves picture contrast and the blackness of blacks. Screen also guards against dust and scratches. Supplied with some models, optional with others.

MICROFOCUS™ LENS SYSTEM. A higher level of precision with one glass and three acrylic lenses. Benefits include a flatter plane of focus across the projection screen.

MULTI-IMAGE DRIVER X (MID™ X) CIRCUIT. This refinement enables you to adjust the sizes of the Twin-View™ side-by-side pictures to suit your taste and viewing interest. Displays images at 480p quality.

MULTI-LANGUAGE DISPLAYS. On-screen menus in your choice of English, Spanish or French.

REMOTE COMMANDER® UNIT. Operates an entire Sony video system, including VCR, DVD player, digital satellite receiver and most brands of cable boxes.[7]

SHADING COMPENSATION. Circuitry that establishes more uniform center-to-corner brightness and minimizes color shift as you move from side to side.

SNAP SHOT™ SCREEN FREEZE. Makes it easy to jot down a website address or 800 number. Freezes the entire screen until you've found pencil and paper and written it down.

SONY AT YOUR SERVICE℠. An exclusive customer service program – just for the owners of Sony projection televisions. Ask your dealer for details.

STEREO BROADCAST RECEPTION. Decodes MTS stereo TV broadcasts, where available.[8]

SUPER FINE EXTENDED DEFINITION MICROFOCUS™ PICTURE TUBES. Incorporates smaller phosphor particles and thinner phosphor layer than Sony's previous MICROFOCUS™ picture tubes, to achieve a 28% reduction in beam spot size. This translates directly into sharper focus, higher contrast and a brighter image, for a picture of stunning clarity.

S-VIDEO DETECTION. Automatically chooses the S-Video input when composite video sources are also connected to the Video 1 input.

S-VIDEO INPUT. For high-quality connection of video sources, e.g., DVD players, digital satellite receivers, Hi8™ and S-VHS VCRs.

TRUSURROUND™ SOUND WITH SRS® 3D EFFECT. Simulates the sound of rear speakers using only the stereo pair built into the television cabinet.

TRUSURROUND™ VIRTUAL DOLBY SURROUND® SOUND. Generates the lifelike sound of rear speakers using only the stereo pair built into the television cabinet. This advanced system uses Dolby® Pro Logic® processing for a complete, convincing effect.

TWIN-VIEW™ 2-TUNER PICTURE-AND-PICTURE. Sony's advanced picture-and-picture circuitry. It can display two shows side-by-side.

V-CHIP PARENTAL CONTROL. Works with television ratings system to block programs, based on age-group rating and content.

XDS (EXTENDED DATA SERVICE). A method of broadcasting data along with the TV picture. XDS can include time, station call letters and programming information (where available).

SPECIFICATIONS

	KP-43HT20	KP-53HS20	KP-53HS30	KP-61HS20	KP-61HS30	KP-51HW40	KP-57HW40
VIDEO							
Screen size, diagonal	43"	53"	53"	61"	61"	51"W	57"W
Screen Aspect Ratio	4:3	4:3	4:3	4:3	4:3	16:9	16:9
Digital Reality Creation™ MultiFunction circuitry	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CineMotion™ reverse 3-2 pull-down technology	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Hi-Scan 1080i™ chassis	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Display of 1080i inputs	1080i	1080i	1080i	1080i	1080i	1080i	1080i
Display of 480p inputs	480p	480p	480p	480p	480p	480p	480p
Display of 480i inputs	960i or 480p	960i or 480p	960i or 480p	960i or 480p	960i or 480p	960i or 480p	960i or 480p
16:9 Enhanced Mode	Yes	Yes	Yes	Yes	Yes	-	-
Enhanced 3D digital comb filter	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Super Fine Extended Definition MICROFOCUS™ picture tubes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MICROFOCUS™ lenses	Yes	Yes	Yes	Yes	Yes	Yes	Yes
First Surface Mirror	Yes	Yes	Yes	Yes	Yes	Yes	Yes
BrightView™ screen	Yes	Yes	Yes	Yes	Yes	Yes	Yes
High contrast protective screen	Built-In	Optional	Built-In	Optional	Built-In	Built-In	Built-In
Anti-Reflection (AR) Coating	-	-	-	-	-	Yes	Yes
Flash Focus system	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Advanced Video Processor	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Shading compensation	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Advanced picture processor	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Horizontal viewing angle	130°	130°	130°	130°	130°	130°	130°
Vertical viewing angle	55°	55°	55°	55°	55°	55°	55°
Minimum viewing distance	5'	7'	7'	8'	8'	7'	8'
Dynamic Picture™ processor	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dynamic Focus™ circuitry	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto white balance	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto pedestal clamp	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Color temperature adjustment	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Advanced Velocity Modulation™ Scanning	Yes	Yes	Yes	Yes	Yes	Yes	Yes
AUDIO							
MTS stereo TV decoder[8]	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Total audio power[4]	40 w	36 w	40 w	36 w	40 w	40 w	40 w
TruSurround™	Yes	Yes	Yes	Yes	Yes	-	-
TruSurround™ Virtual Dolby Surround® sound	-	-	-	-	-	Yes	Yes
DAC speaker system	-	-	-	Yes	Yes	Yes	Yes
CONVENIENCE							
Multi-Image Driver X circuit	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Picture-and-Picture Zoom	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Picture-and-Picture (# Tuners)	2	2	2	2	2	2	2
Flexible Twin-View™ picture and picture	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Picture-and-Picture Direct Tuning	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Auto Wide and Widescreen Modes	-	-	-	-	-	Yes	Yes
Easy Setup button	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Favorite Channel	8 ch.	8 ch.	8 ch.	8 ch.	8 ch.	8 ch.	8 ch.
Channel Index	12 ch.	12 ch.	12 ch.	12 ch.	12 ch.	-	-
Scrolling Channel Index	-	-	-	-	-	4 ch.	4 ch.
Channel Fix	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Freeze Memo	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Snap Shot screen freeze	-	-	-	-	-	Yes	Yes
Multi-language display	Yes	Yes	Yes	Yes	Yes	Yes	Yes
S-Video detection	Yes	Yes	Yes	Yes	Yes	Yes	Yes
V-chip parental control	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CC/XDS[6]	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Channel Caption	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Video Label	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Remote control	RM-Y908	RM-Y908	RM-Y908	RM-Y908	RM-Y908	RM-Y909	RM-Y909
Joystick remote	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Luminous remote	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi-brand[7] DVD remote	Yes	Yes	Yes	Yes	Yes	Yes	Yes
EZ Flip™ remote	Yes	Yes	Yes	Yes	Yes	Yes	Yes
INPUTS/OUTPUTS							
Component video inputs (Y/P_B/P_R)	2 HD capable	2 HD capable	2 HD capable	2 HD capable	2 HD capable	2 HD capable	2 HD capable
S-Video inputs (rear/front)	2/1	2/1	2/1	2/1	2/1	2/1	2/1
Composite inputs (rear/front)	3/1	3/1	3/1	3/1	3/1	3/1	3/1
Fixed/variable audio outputs	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RF inputs	2	2	2	2	2	2	2
TV output	1	1	1	1	1	1	1
Control S interface	In/Out	In/Out	In/Out	In/Out	In/Out	In/Out	In/Out
Energy Star compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Power consumption, maximum	250 w	250 w	250 w	250 w	250 w	250 w	250 w
Power consumption, standby	1 w	1 w	1 w	1 w	1 w	1 w	1 w
Dimensions (W x H x D)	38 x 42-1/8 x 22-3/4" (965 x 1069 x 577 mm)	46-1/2 x 55-7/8 x 24-7/8" (1180 x 1417 x 632 mm)	46-1/2 x 55-7/8 x 24-7/8" (1180 x 1417 x 632 mm)	54 x 61-7/16 x 26-1/4" (1370 x 1560 x 666 mm)	54 x 61-7/16 x 26-1/4" (1370 x 1560 x 666 mm)	47 x 51-1/2 x 24-7/8" (1194 x 1308 x 630 mm)	52-1/4 x 54-1/8 x 27-1/4" (1326 x 1375 x 690 mm)
Weight	144 lbs. (65 kg)	153 lbs. (69.3 kg)	157 lbs. (71.2 kg)	204 lbs. (92.4 kg)	211 lbs. (95.4 kg)	168 lbs. (76.2 kg)	210 lbs. (95.3 kg)
OPTIONAL CONTRAST SCREEN							
	Built-In	SCN-53X3	Built-In	SCN-61X3	Built-In	Built-In	Built-In
OPTIONAL A/V CABINET							
	SU-43HT5	-	-	-	-	-	-

HW SERIES FEATURES

- Wide, 16:9 aspect ratio screen
- Built-in high contrast protective screen with AR (Anti-Reflection) coating
- TruSurround™ Virtual Dolby Surround® sound
- Scrolling Channel Index (4 channels)
- Snap Shot screen freeze
- Hi-Scan 1080i™ chassis
- Digital Reality Creation™ MultiFunction circuitry
- CineMotion™ reverse 3-2 pull-down technology for superb display of material shot on film
- Super-Fine Extended Definition MICROFOCUS™ picture tubes
- MICROFOCUS™ lens systems
- BrightView™ dual component screen with higher-contrast lenticular design
- Enhanced 3D Digital Comb Filter
- Advanced picture stabilizer
- Advanced Velocity Modulation™ scanning
- 40 watts total audio power output[4]
- Multi Image Driver™ X (MID™ X) circuitry
- Flexible Twin-View™ 2-tuner Picture-and-Picture (HD, NTSC)
- Freeze Memo
- Flash Focus fully automatic digital convergence system
- Program Palette™ picture presets
- Multi-language display
- Favorite Channel (8 channels)
- Easy Set-up Guide
- V-chip parental control
- Energy Star compliant
- Two HD capable component video inputs (Y/P_B/P_R)
- One front, three rear audio/video inputs
- One front, two rear S-Video inputs
- S-Video detection
- Control S input/output
- Sony at Your Service customer support
- Supplied EZ Flip™ luminous joystick remote

KP-51HW40
51-INCH WIDESCREEN PROJECTION TV

KP-57HW40
57-INCH WIDESCREEN PROJECTION TV

[1] Hi-Scan 1080i Display: Works through only analog component video (Y/PB/PR) connections. Not compatible with such digital connections as may become available in the future.

[2] HDTV Receivers: Designed for free, over-the-air HDTV broadcasts, where available. Check with your cable operator for compatibility.

[3] Power output: All channels driven into 8 ohms, 50 Hz – 20,000 Hz at no more than 10% THD, measured from auxiliary input to load.

[4] Sony at Your Service℠: All repairs are subject to the terms of the limited warranty applicable to your analog PJTV. This guarantee applies to faults within the set that impair viewing or listening. Cosmetic defects and the Remote Commander unit do not apply. Sony At Your Service is a comprehensive customer support program provided during the initial manufacturer limited warranty period of one year from the date of purchase, for both parts and labor. The terms of the program do not apply for events beyond Sony's reasonable control such as acts of God, civil or military authorities, fires, strikes, floods, epidemics, war, riot, governmental rules, regulations or delays in transportation or shortages. Sony At Your Service is not available in Alaska and Hawaii.

[5] CaptionVision (CC) reception is only available from broadcasts encoded with these services.

[6] Multi-brand remote: Not compatible with all brands or models.

[7] Stereo Reception: Stereo and separate audio program (SAP) reception are only available from broadcasts encoded with these services.

CAUTION: When viewing programming that doesn't fill the entire screen; when using TV games, computers and similar products with your projection TV or when viewing a TV station whose logo always stays on the screen; keep the brightness and contrast functions at low settings. If a fixed (non-moving) pattern such as a station logo is left on the screen for a period of time, especially at a high brightness or contrast setting, the image can be permanently imprinted onto the screen. When viewing programming that doesn't fill the screen, it is recommended that you fill the screen with moving images from time to time, to reduce the chance of image burn-in. These types of imprints are not covered by your warranty.

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